

## **Anaktuvuk Pass Subsistence Fishery Harvest Assessment: October 2001-September 2001.**

### **Abstract**

A two-year subsistence fishery harvest assessment in Anaktuvuk Pass, Alaska was undertaken in response to local and government concerns regarding lack of current resource management information available to manage a small but economically and culturally important fishery. Few records of annual community fish catches for Anaktuvuk Pass exist, but those available show that community fishers produce annual catches of “char” (a mix of Arctic char [*Salvelinus alpinus*] and Dolly Varden [*Salvelinus malma*]), lake trout (*Salvelinus namaycush*), Arctic grayling (*Thymallus arcticus*), Arctic cisco (*Coregonus autumnalis*), and to a lesser degree burbot (*Lota lota*).

A community-based household interview study from October 2001 through September 2003 produced seasonal (“Winter” and “Summer”) and annual community, household and per capita harvest estimates for all reported fish species, as well as information on community fishing effort and sharing of harvested fish between households. Information on catches of Dolly Varden was of special interest to agencies, and whenever possible those catches are identified in this report. Distinguishing species composition in self-reported catches of “char” was difficult, but resolved by categorizing catches from river fishing sites such as Dolly Varden and those coming from lake-fishing sites as Arctic char.

**Key Words:** Anaktuvuk Pass, Nunamiut, Gates of the Arctic National Park and Preserve, harvest monitoring, harvest assessment, subsistence fishery, local knowledge, capacity building, Arctic grayling (*Thymallus arcticus*), sulupaugaq, Dolly Varden (*Salvelinus namaycush*), iqaluqpiq, Arctic cisco (*Coregonus autumnalis*), qaaktaq, burbot (*Lota lota*), tittaliq, and DNA sampling.

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